

## INTERNATIONAL SEARCH REPORT

 International Application No  
 P 02/00268

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04L12/44 H04L29/12 H04L12/64 H04L12/56 H04L12/46

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 359 222 A (3COM CORP) 15 August 2001 (2001-08-15) page 3, line 24 -page 4, line 8 page 4, line 29 -page 5, line 26 ---	1-5, 9, 10
A	WO 01 08360 A (BROADCOM CORP ;KADAMBI SHIRI (US); AMBE SHEKHAR (US); KALKUNTE MOH) 1 February 2001 (2001-02-01) abstract page 30, line 7 - line 27 page 31, line 7 - line 30 ---	1-5, 9, 10
A	US 2002/054589 A1 (GAINER JAMES JOSEPH ET AL) 9 May 2002 (2002-05-09) paragraph '0016! paragraph '0028! - paragraph '0030! paragraph '0039! -----	1-10



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

12 June 2003

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20/06/2003

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## INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2359222	A	15-08-2001	NONE	
WO 0108360	A	01-02-2001	AU 6198900 A EP 1197045 A1 WO 0108360 A1 US 2002186705 A1 US 6430188 B1	13-02-2001 17-04-2002 01-02-2001 12-12-2002 06-08-2002
US 2002054589	A1	09-05-2002	US 6353609 B1 AU 4582199 A BR 9911360 A CA 2334927 A1 EP 1088431 A2 WO 9966759 A2	05-03-2002 05-01-2000 13-11-2001 23-12-1999 04-04-2001 23-12-1999